



Streamline your Graphical Diffing with QuickDrop Plugins

Leah Edwards
GLA Summit 2022

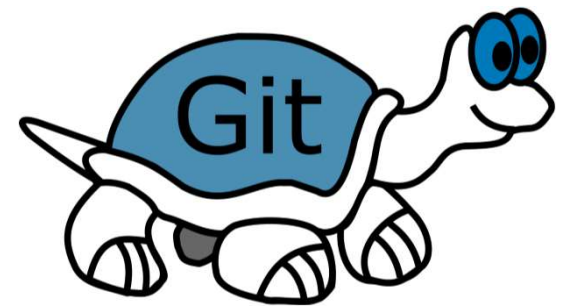
Contents

- 1) The Pre-Commit Diff
- 2) QuickDrop shortcut for more streamlined diffing

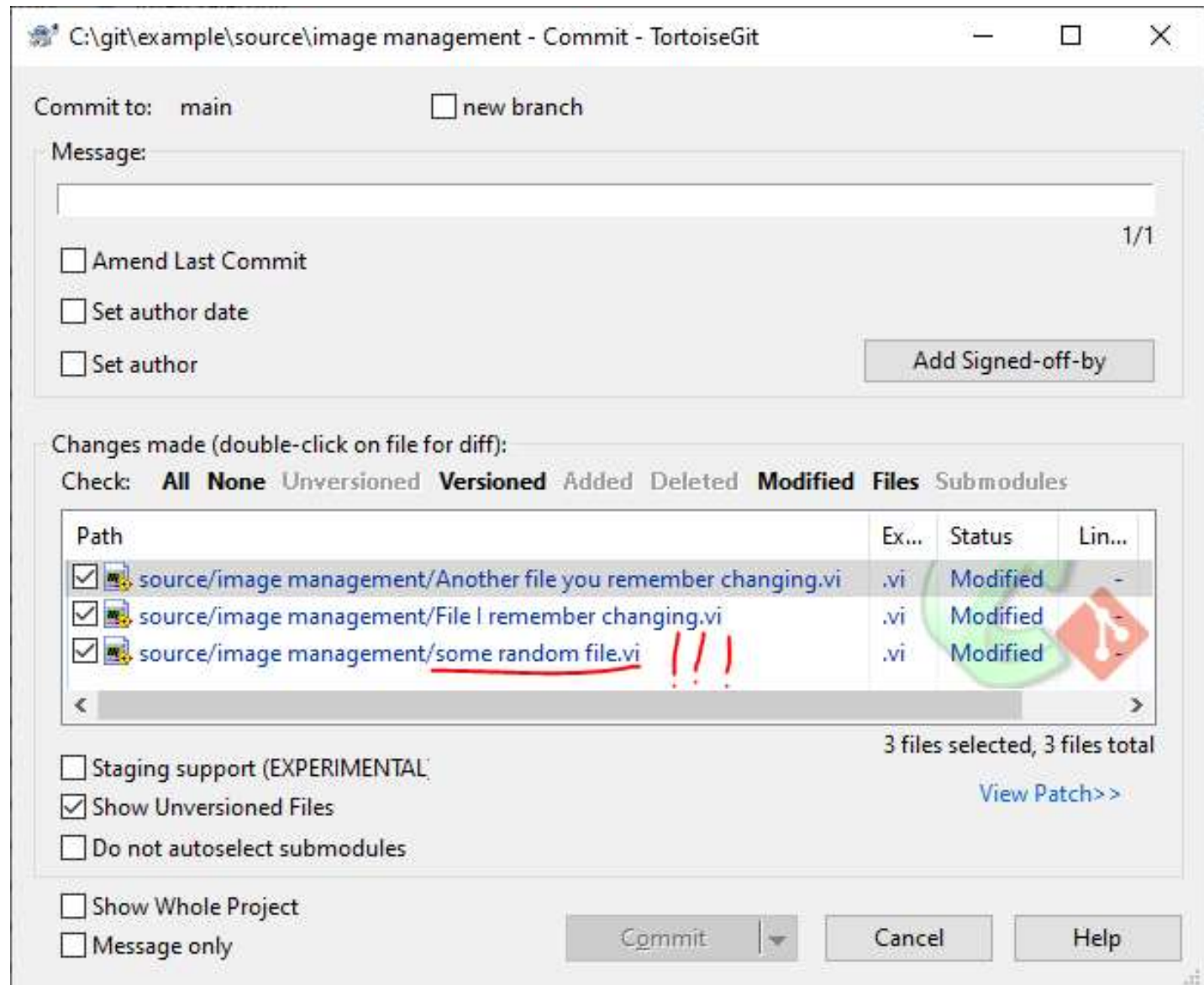


Tools in these examples:

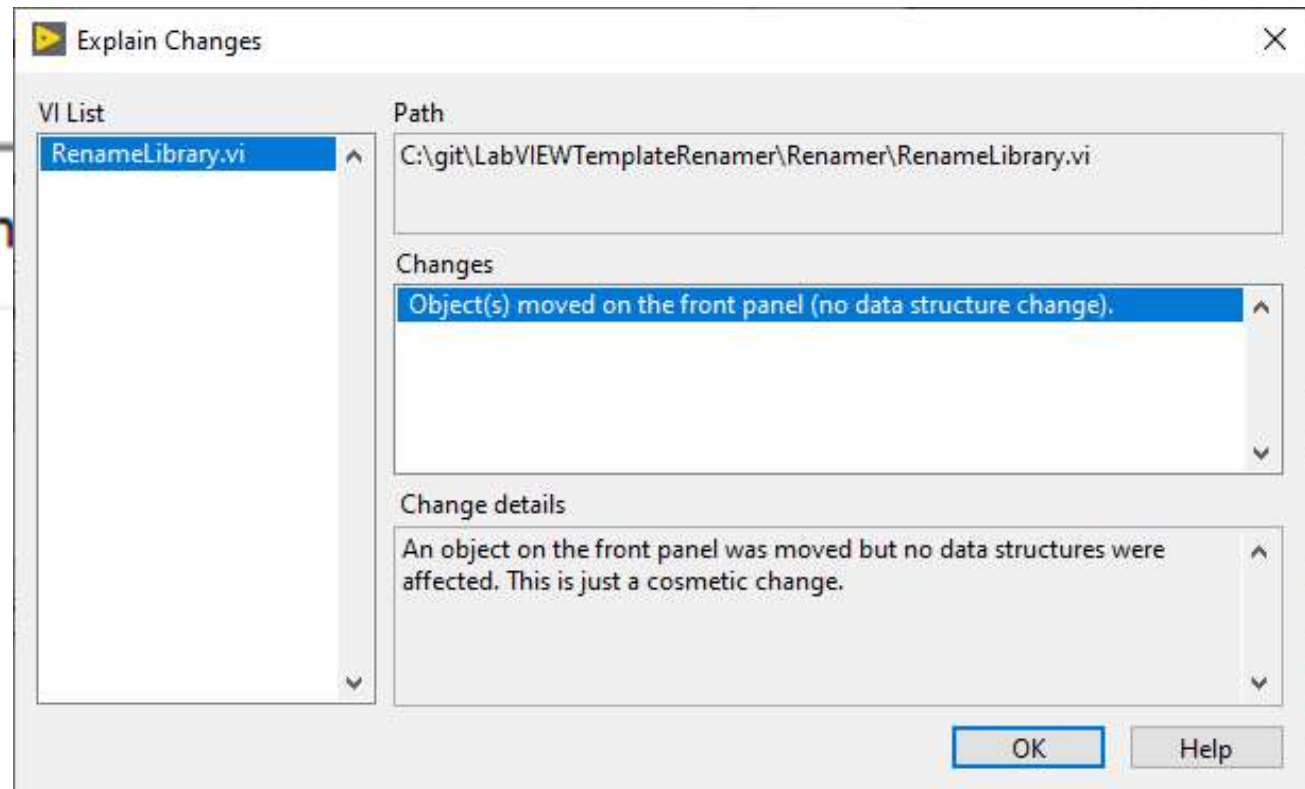
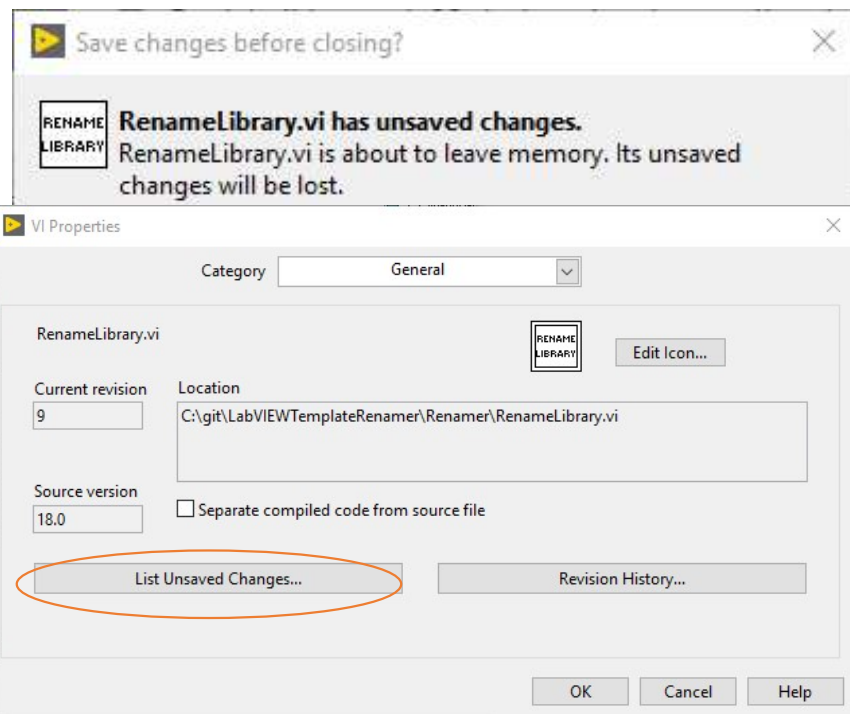
Git for Windows + TortoiseGit



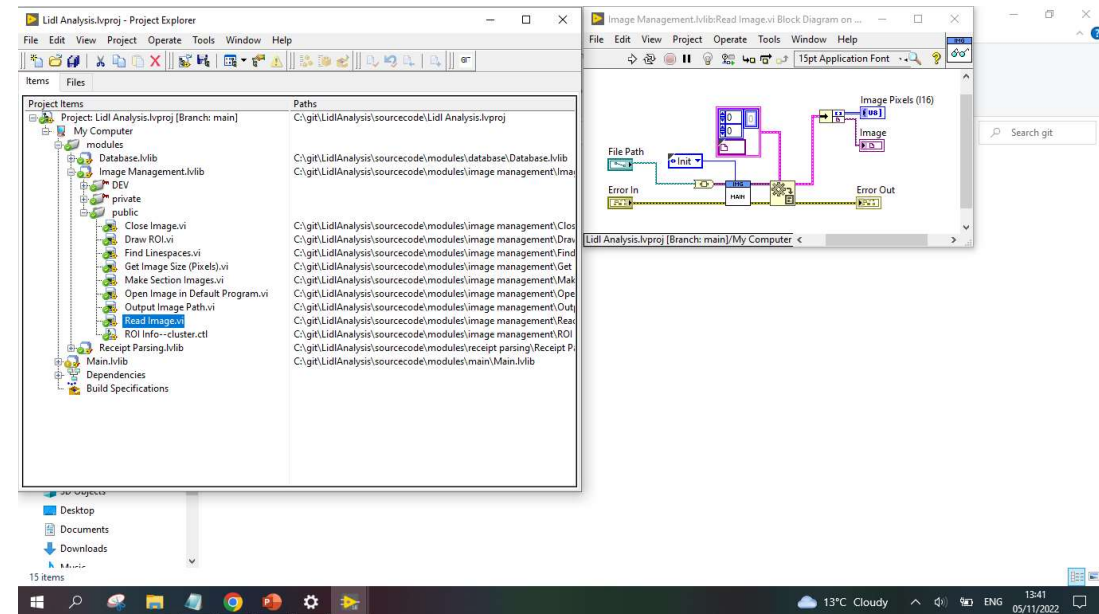
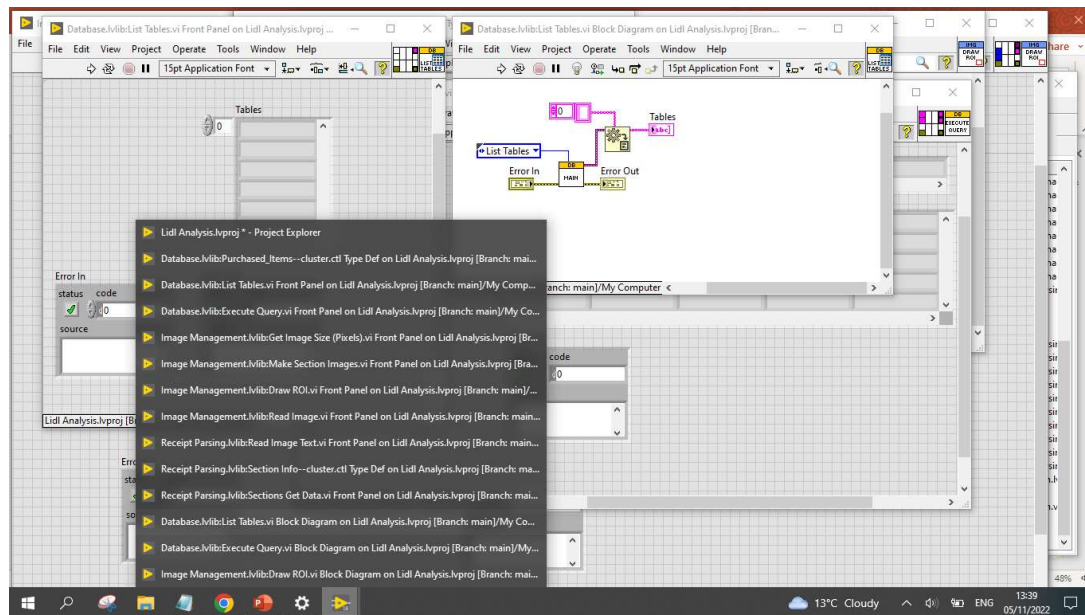
Ever
encounter
this?



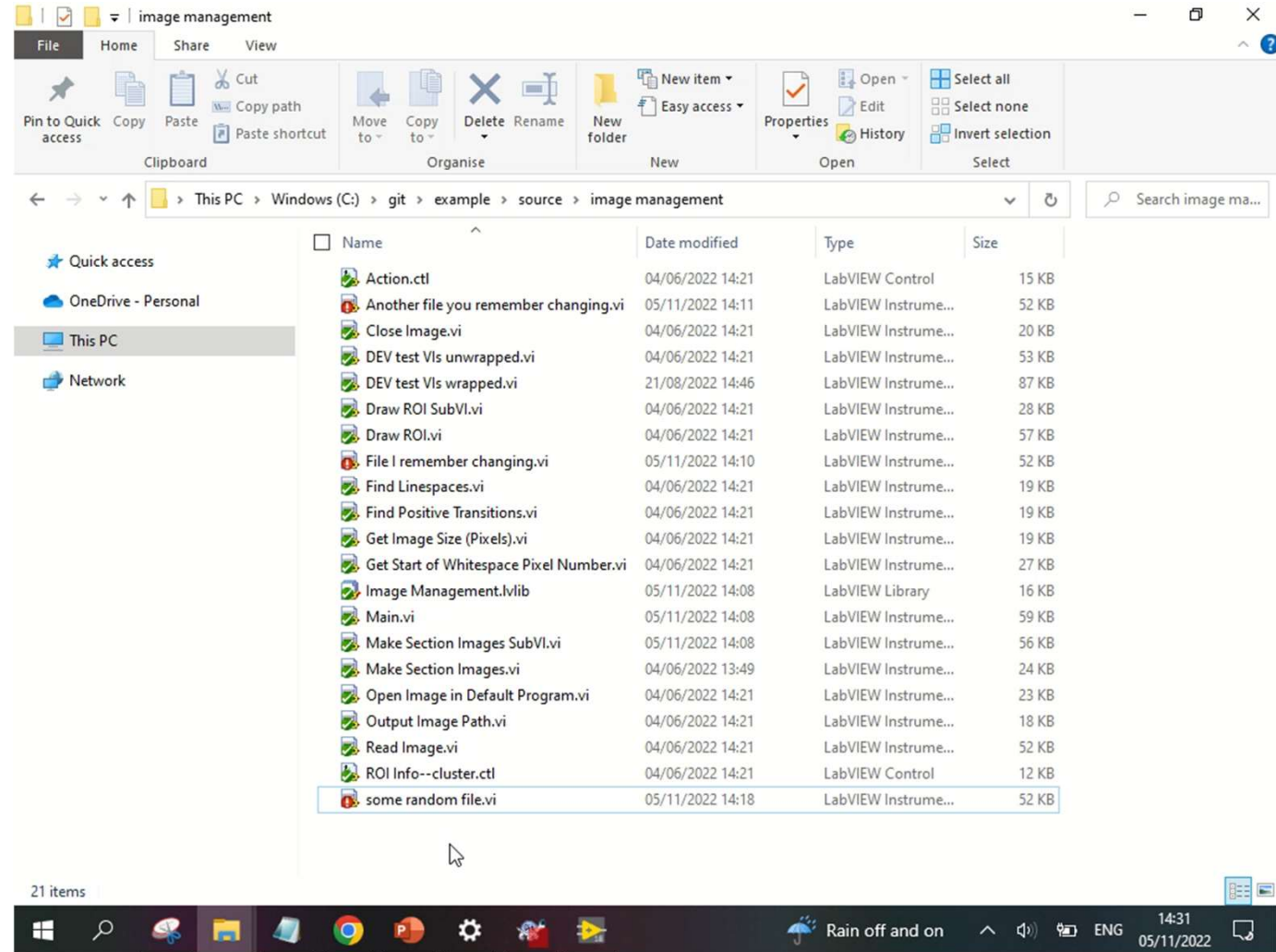
Avoiding random changes: don't save unless you definitely meant to make a change!



2 types of people in the world...

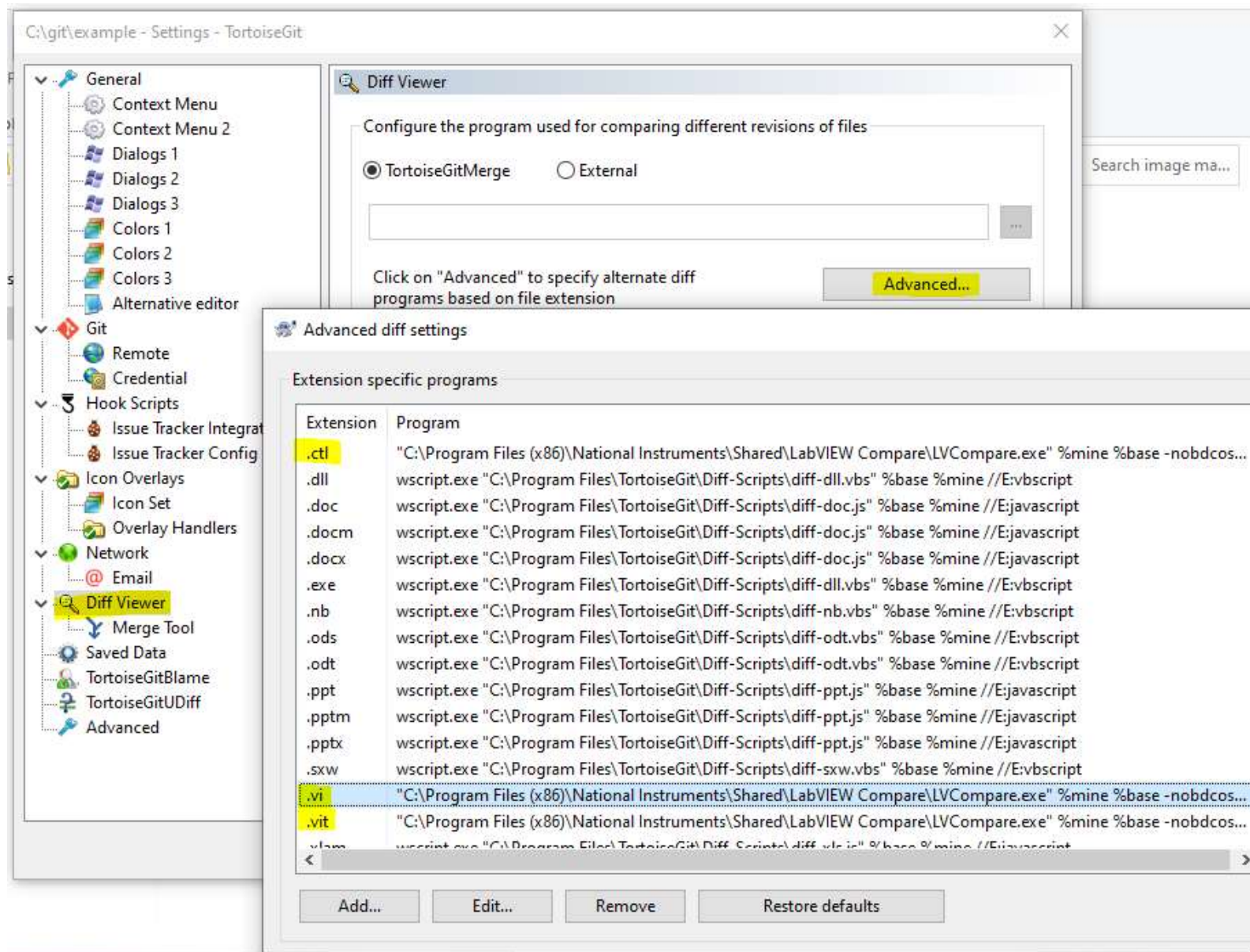


One solution: LVCompare



Setting up
graphical diffs






Changing the behaviour of LVCompare with arguments

- -noattr means do not compare VI attributes.
- -nofp means do not compare the front panels.
- **-nofppos means do not compare the size or position of front panel objects.**
- -nobd means do not compare the block diagrams.
- **-nobdcosm means do not compare the appearance of block diagram objects, including changes in position or size.**
- **-nobdpos means do not compare the size or position of block diagram objects.**
 - Note This argument was deprecated in LabVIEW 2021.



How do you
look into VI
history?

For an open VI:

- Ctrl+Shift+E to open in Project Explorer
 - Right Click> Explore...
 - Right Click on file
 - TortoiseGit>Show Log...
 - How can I make this faster?
- 

QuickDrop Plugin

Download from VIPM.io

TortoiseGit Show Log - QuickDrop Plugin by Leah Edwards - Toolkit for LabVIEW

Download

QuickDrop Plugin for LabVIEW to bring up the TortoiseGit log for a VI, folder, library, class, repo etc.

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LabVIEW Version LabVIEW® 18.0

Operating System Windows

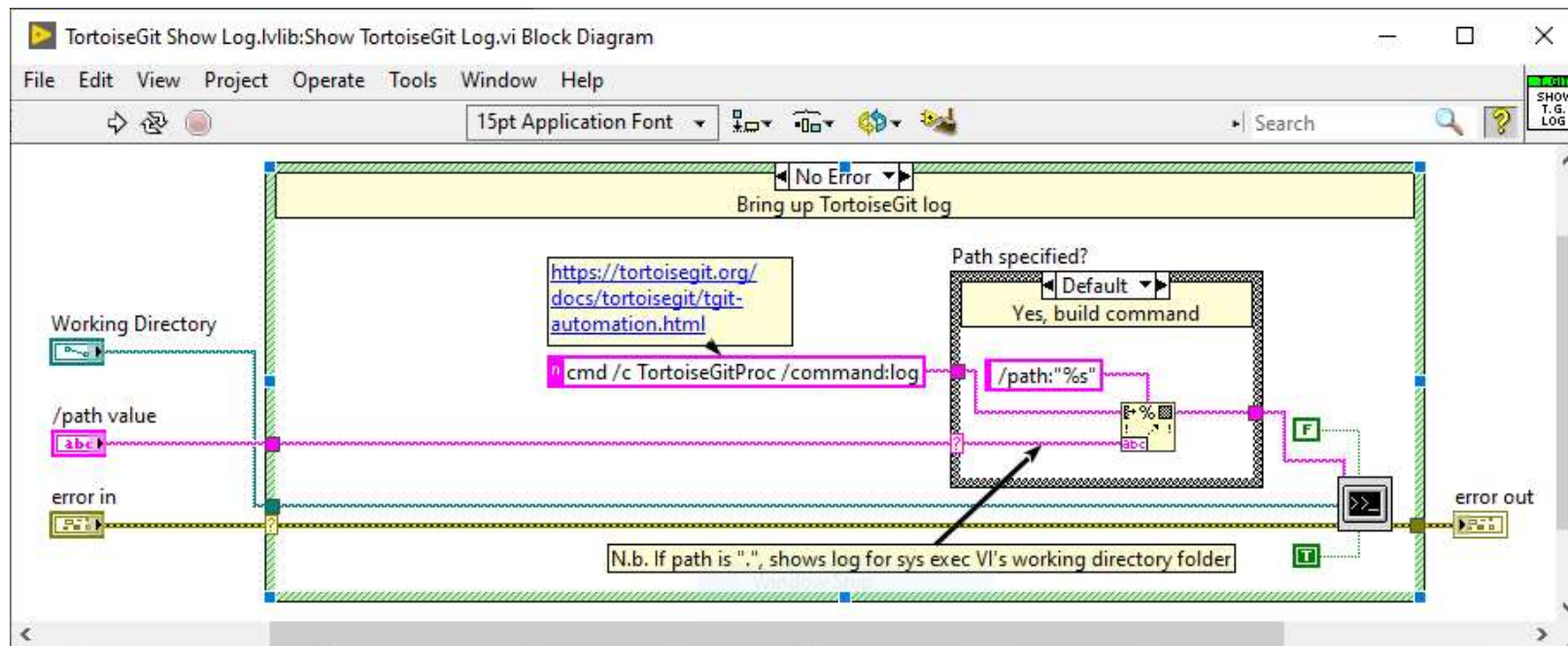
Project links [Homepage](#) [Documentation](#) [Repository](#)

Description

Version	Released	Author
1.0.4.1	Sep 06, 2022	Leah Edwards
1.0.2.1	Aug 17, 2022	Leah Edwards

Simple code

Command line arguments for TortoiseGit





Another use
case: Pull
Requests



Thank you for listening

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Type:	7x7 (7 minutes)
Title:	Streamline your Graphical Diffing with QuickDrop Plugins
Abstract:	Do you ever sit back down at your desk and struggle to remember what you changed since your last commit? Do you ever feel like you've missed something out from your commit notes? Does the LVCompare tool feel like 'too much effort' to use regularly? I'll show you how you can make graphical diffing easier than ever before, by bringing up the Git log with a QuickDrop shortcut. Now you can see what 'really' changed between two commits at the push of a button!
Learning points:	You can set up your Git GUI (or git bash, if that's your thing) to do graphical diffs You can link the TortoiseGit log to a QuickDrop Shortcut, to show the log for either a single file or its repo/library/class/containing folder, and can easily launch the diff tool from the log. This shortcut can easily be adapted for other Git GUIs
Submitter Name:	Leah Edwards